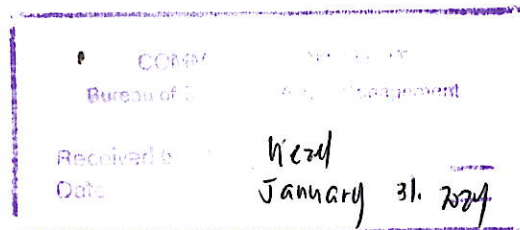




Republic of the Philippines
Department of Agriculture
BUREAU OF SOILS AND WATER MANAGEMENT
SRDC Building Elliptical Road corner Visayas Avenue,
Diliman, Quezon City 1101
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Tel. no. (632) 8273-2474 local 3202

January 30, 2024

Ms. SUSIE JEAN R. EVANGELISTA
State Auditor III
Audit Team Leader



Dear **Auditor Evangelista:**

Respectfully submitting the attached **Quarterly Physical Report of Operation (QPRO)** as of 4th Quarter of the Bureau of Soils and Water Management for FY 2023.


I hope you find this report satisfactory. For questions and/or clarifications, please contact Mr. Karlo I. Malagayo or Ms. Cathlyn Joy P. Dela Torre at 8273-24-74 local 3211 or email planning@bswm.da.gov.ph.

Thank you very much.

Very truly yours,


CATHLYN JOY P. DELA TORRE
Planning Officer

Noted and approved by:


GINA P. MILO, Ph.D.
Director



QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

Department : Department of Agriculture (DA)
Entity Name : N/A
Operating Unit : BUREAU OF SOILS AND WATER MANAGEMENT
Organization Code (UACS) : 050010000000

X	Current Year Appropriations
	Supplemental Appropriations
	Continuing Appropriations
	Off-Budget Account

Organization Code (OACS) : 050010000000														Off-Budget Account
DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks	
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total			
I. General Administration and Support Services (GASS)														
GASS- (REGULAR)	*This involves administrative costs such as hiring of security and janitorial services, hiring of Contract of Services, mandatory utilities (electricity, water, telephone bills, internet), etc.													
	Maintenance of ISO QMS 9001:2015 Certification	1	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1			
	No. of Surveillance Audit undergone	-	0	-	1	1	-	-	-	1	1		Conduct of Second Surveillance Audit on November 6-7, 2023 (4th Quarter)	
	No. of Readiness Assessment conducted	-	0	1	-	1	-	-	1	1	2	1	BSWM Readiness Assessment September 18-28, 2023	
	No. of Internal Audit conducted	-	0	1	-	1	-	-	1	-	1		BSWM Internal Quality Audit August 2-11, 2023	
	No. of trainings conducted	2	0	-	-	2	2	-	-	-	2		1. Risk Management Workshop (March 15-17, 2023) 2. IQA Planning and Writeshop (March 8-10, 2023)	
	QMS Team meetings conducted	2	1	2	1	6	7	1	7	1	16	10	1. IQA Meeting (IQA) July 5, 2023 2. IQA Preparation Meeting July 28, 2023 3. IQA Preparation Meeting August 1, 2023 4. IQA Closing Meeting August 18, 2023 5. Calibration Meeting August 15 & 16, 2023 6. Audit of the IQA Process August 18, 2023 7. KMT: Workshop on BSWM Masterlist September 16, 2023	
	No. of COS hired	1	0	-	-	1	1	(1)	(1)	(1)	1		COS - July - December 2023	
	No. of Consultant hired	0	0	1	0	1	-	0	1	0	1		Conducted Readiness Assessment September 18-28, 2023	
	Occupational Safety and Health Orientation (OSH)													
	No. of OSH related training attended	-	0	1	-	1	0	0	0	1	1		OSH Training (8-hr Training)	
	No of participants	-	0	60	-	60	0	0	0	60	60			
	Safety and Health Awareness	0	0	0	1	1	0	0	0	1	1		Conduct of Mental Awareness for all BSWM employees	
	Wellness campaign	-	0	-	1	1	0	1	0	0	1			
	Provision of Health and Wellness supplies (including safe drinking water)	1	(1)	(1)	(1)	1	(1)	(1)	(1)	(1)	1		Safe drinking water is provided for all employees through the provision of mineral water.	
	No. of Senior Citizen and Person with Disability (SCPD) provided with wellness vaccine	-	0	-	55	55	0	0	0	0	0	-55	For delivery in 2024; 53 personnel	
	No. of wellness equipment/support provided	-	2	-	-	2	0	0	0	2	2		Treadmill and stationary bike	
	No. of personnel provided with health and medical Supplies.	-	233	-	-	233	0	0	0	231	231	-2	Annual medical check-up	
	Regular Meetings conducted	2	1	-	1	4	2	1	0	1	4			
	Youth Committee Activities													
	No. of meetings conducted	3	2	-	-	5	3	2	0	0	5			
	No. of Participants	45	30	-	-	75	45	30	0	0	75			
	Awareness Raising	0	3	0	1	4		3	0	0	3	-1		
	School covered	-	3	2	-	5	-	3	0	0	3	-2	1. San Martin National High School 2. San Isidro National High School 3. Manggahan Elementary School	
	No. of Participants	75	75	75	75	300	0	0	0	0	0	-300		
	Youth in Soil and Water for Agriculture (YouSWAg)													
	Pax	25	25	25	25	100	0	0	0	100	100			
	National Youth Day Celebration 2023													
	Film Showing	-	0	-	1	1	0	0	0	0	0	-1		
	Pax	-	0	-	50	50	0	0	100	0	100	50		
	Summer Youth Program (SYP)													
	No. of youth hired	-	21	-	-	21	0	11	0	0	11	-10		
	GAD Activities													
	Reconstitution of BSWM Gender Focal Point System (GFPS)	1	0	-	-	1	1	0	0	0	1			
	Updating & Analysis of Sex Disaggregated Data (SDD)	1	(1)	(1)	(1)	1	0	0	0	1	1			
	Organization Focused Capacitation Activities	-	0	2	1	3	0	0	0	0	0	-3		
	Client Focused Capacitation Activities	-	0	-	2	2	0	0	0	7	7	5		
II. Support to Operation (STO)- Planning and Policy Formulation for Soil and Water Resources Conservation Management and Development														
Agricultural Land Management and Evaluation Division (ALMED)														
ALMED-REGULAR	Land evaluation studies conducted	1	0	-	-	1	0	0	0	1	1			
	Public Stakeholders consultation conducted	-	1	-	1	2	1	0	0	1	2			
	No. of Participants	-	15	-	15	30	35	0	0	915	950	920		
	Learning and Development Personnel provided	-	20	-	-	20	11	1	6	2	20			
	No. of performance assessment	-	1	1	1	3	0	1	0	2	3			
	No. of quarterly reports prepared	-	1	1	2	4	0	1	1	2	4			
	No. of divisional Meetings conducted	3	3	3	3	12	3	3	3	3	12			
ALMED- Strengthening and Mainstreaming the Evaluation Mechanism on Land Use Reclassification (SEMLUR)	National Meeting conducted	-	1	-	1	2	1	0	0	1	2			
	Stakeholder/beneficiaries trained/capacitated	-	50	-	50	100	110	0	0	25	135			
	Manual/protocol printed and disseminated	-	50	-	50	100	0	0	0	0	0	-100		
	Policy Advocacies/recommendations endorse/Technical report	3	3	3	3	12	7	8	8	5	28	16	Technical Assistance on LUR (demand-driven)	
	Guidelines reviewed, revised and endorsed	-	1	-	1	2	1	0	0	1	2			
	Data forms/templates reviewed/revised	1	0	-	-	1	1	0	0	0	1			
	Meetings/deliberations supported, conducted	1	1	1	-	3	1	1	0	1	3			
Technical sessions/field visits conducted	-	1	1	1	3	0	2	0	2	4	1			

COMMISSION ON AUDIT
Bureau of Soils and Water Management

Reviewed By : Wendell
Date : January 31, 2024

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

Department : **Department of Agriculture (DA)**
Entity Name : **N/A**
Operating Unit : **BUREAU OF SOILS AND WATER MANAGEMENT**
Organization Code (UACS) : **050010000000**

X	Current Year Appropriations
	Supplemental Appropriations
	Continuing Appropriations
	Off-Budget Account

Organization Code (OACS) : 05001000000												Off-Budget Account	
DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
Geomatics and Soil Information Technology Division (GSITD)													
GSITD-REGULAR	Maps generated/updated (Provinces)	-	20	31	30	81	0	15	0	66	81		Thematics maps on soil related information
	Information System Maintained	(13)	(13)	(13)	(13)	13	13	(13)	(13)	(13)	13		Desktop Applications (SDMS; ICTRIS; ENGAS; eBUDGET; SADIS; Soil IS; HRIS; DoMAINS; PMIS; FRDMS); Web Application (BSWM Website; Geo-portal; GSITD Subsite)
	Database Maintained	(13)	(13)	(13)	(13)	(13)	13	(13)	(13)	(13)	13		Spatial Database; Desktop Applications (SDMS; ICTRIS; ENGAS; eBUDGET; SADIS; Soil IS; HRIS; DoMAINS; PMIS; FRDMS); Web Application (BSWM Website; Geo-portal; DCAF)
	Desktop Computers	55	45	81	91	272	55	45	81	91	272		Laptops are included. New PC were acquired and laptops are included in the regular repair and maintenance.
	Network Equipment	(16)	(16)	(16)	(16)	(16)	16	(16)	(16)	(16)	16		
	Switch Hub	(14)	(14)	(14)	(14)	(14)	14	(14)	(14)	(14)	14		
	Network Wii Router	(15)	(15)	(15)	(15)	(15)	15	(15)	(15)	(15)	15		
GSITD-ICT	ICT - related reports	-	25	-	25	50	-	9	4	10	23	-27	ICT Evaluation Reports; ICT Specifications Target reports are consolidated into single reports.
Laboratory Services Division (LSD)													
	Laboratory samples analyzed	950	1320	1325	1085	4680	1588	1301	1102	91	4082	598	
LSD- REGULAR	Soil Chemical Analysis (Quantitative)	300	600	600	500	2000	651	364	329	0	1344	-656	Increase of sample submission.
	Soil Physical Analysis	300	300	300	300	1200	444	276	349	40	1109	-91	Increase of sample submission.
	Water Analysis	15	15	15	5	50	114	7	0	0	121	71	Increase of sample submission.
	Fertilizer Analysis	25	25	25	25	100	25	70	116	51	262	162	less sample received.
	Plant Tissue Samples Analyzed	45	45	45	45	180	40	0	164	0	204	24	less sample received.
	Rapid Soil Test Analysis	100	150	150	100	500	21	12	6	0	39	-461	less sample received.
	Microbial Analysis	40	35	40	35	150	75	72	83	0	230	80	Increase of sample submission.
	Fertilization Recommendation	125	150	150	75	500	218	500	55	0	773	273	Increase of sample submission.
	Laboratory Equipment Maintained	35	35	30	30	130	124	184	110	0	418	288	Equipment procured through NSHP.
	Soil Test Kit Distributed	55	35	50	60	200	231	393	310	160	1094	894	widely distribution of STK through NSHP.
	Training and training related event (client capacity building	1	1	1	1	4	4	4	6	3	17	13	Increase on request of trainings.
LSD-PD1435	Attendance to Training (Capacity building of LSD Staff Technical/Managerial Training/CPD for Professionals)	7	6	6	7	26	24	2	17	2	45	19	
	Capacity Building for PD 1435 implementation and ISO/IEC 17025:2017	2	2	2	2	8	1	-	1	1	3	-5	
	Monitoring of Soil Laboratories in relation to PD 1435 re Licenses to Operate Soil Laboratory	5	5	5	5	20	7	3	1	7	18	-2	
	Number of laboratories inspected for the Annual Meeting of the Philippine National Soil Laboratory conducted	2	5	2	1	10	3	4	0	1	8	-2	
LSD- ISO 17025		-	0	-	1	1	-	-	1	-	1		
	Sustained accredited parameters for Soil, Water and Fertilizer Quality Objective Achieved	25	(25)	(25)	(25)	25	25	(25)	(25)	(25)	25		
	Quality Objective achieved	4	(4)	(4)	(4)	4	4	(4)	(4)	(4)	4		
	Preventive Maintenance and Calibration of Equipment	6	6	3	-	15	3	6	6	3	18	3	
	Quality Meetings Conducted	3	3	3	2	11	3	3	2	2	10	-1	
	Training attended on ISO related events	1	1	1	-	3	1	1	1	-	3		
	Annual Management Review conducted	-	0	-	1	1	-	-	-	1	1		
	Readiness Assessment for ISO 17025 Accreditation conducted	-	0	-	1	1	-	1	-	-	1		
	Internal Quality Audit conducted	-	1	-	-	1	-	1	-	-	1		
NRP-PAEF Provision of Soil Test Kits for Soil Analysis	Philippine Accreditation Bureau Assessment conducted	1	0	-	-	1	-	-	-	1	1		
	Proficiency Testing Program participated	1	0	1	-	2	1	-	1	1	3	1	
	Distribution of Soil Test Kit	0	0	960	15435	16395	-	-	-	-	0	-16,395	the delivery of suppliers and chemicals to the DA-RFO Regional Soil Laboratories will be completed on January 2024. Production will start o February to March and distribution from 2nd quarter and onwards
	Beneficiaries of Soil Test kits	0	0	320	5145	5465	-	-	-	-	0	-5,465	
Soil Conservation and Management Division (SCMD)													
SCMD-REGULAR	Soil and Water Management Techno-Demonstartion Established/implemented Thru Technical Assistance	-	1	1	-	2	-	2	1	-	3	1	
	Irrigation related	-	(1)	-	(1)	(1)	-	1	-	(1)	1		
	Soil and Water Management Techno-Demonstrations monitored	3	3	3	3	12	4	2	5	1	12		
	Stakeholder's consultation conducted (number)	-	2	-	-	2	1	1	-	-	2		
	Number of Pax	-	60	-	-	60	30	90	-	-	120	60	
	Capacity Building (number)	-	2	-	1	3	1	1	0	1	3		
	Number of Pax	-	90	-	30	120	30	75	0	30	135	15	
SCMD- Development of Soil Conservation Guided Farm in CAUAYAN CITY, ISABELA	Learning and Development												
	Number of Pax	-	10	7	-	17	-	11	5	1	17		
	Establishment of Model Farm	-	0	1	-	1	-	-	1	-	1		
	Farmers' Field Day conducted	-	0	-	1	1	-	-	-	1	1		
	Number of Pax	-	100	-	-	100	-	-	-	100	100		
	Site Monitoring (Quarterly)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	1	(1)	1		
	Topographic Survey	-	1	-	-	1	1	-	-	-	1		
	Continuing Policy-Related R&D	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

Department : **Department of Agriculture (DA)**Entity Name : **N/A**Operating Unit : **BUREAU OF SOILS AND WATER MANAGEMENT**Organization Code (UACS) : **050010000000**

X	Current Year Appropriations
	Supplemental Appropriations
	Continuing Appropriations
	Off-Budget Account

DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
SCMD- MANILA BAY Rehabilitation Project	Establishment of Integrated Upland Conservation Guided Farms (IUCGF) via Soil & Water Conservation Technologies in Techno-Demonstration Sites	-	0	3	-	3	-	-	3	-	3		
	Periodic Monitoring of Established Techno-Demo Sites	9	4	14	3	30	15	9	2	11	37	7	
	Site Validation	-	-	3	-	3	-	-	3	-	3		
	Field Survey	3	-	-	-	3	3	-	-	-	3		
	Specialized Capability Enhancement Training	-	-	3	-	3	-	-	3	-	3		
	Number of Pax	-	-	75	-	75	-	-	75	-	75		
Soil Survey Division (SSD)													
Updating and Enhancement of Conventional Soil Resource Information for Strategic Agricultural Development and Investment Planning (CSRI-SADIP Project)	No. of provinces covered	1	1	1	-	3	1	1	1	-	3		
	No. of map atlas produced	0	0	1	2	3	-	-	-	1	1	2	
	No. of technical inception briefing conducted	1	2	-	-	3	2	-	1	-	3		
	No. of participants attended	25	50	-	-	75	55	-	50	-	105	30	
	No. of capacity building conducted	1	0	0	0	1	-	-	1	-	1		
	No. of participants trained	25	0	0	0	25	-	-	25	-	25		
SSD- Application of Soil-Land Inference Model to Update and Enhance Conventional Soil Map (SOLIM Project)	No. of technical report prepared	-	0	-	1	1	-	-	1	-	1		
	No. of provinces covered	-	1	-	-	1	-	1	-	-	1		Province to be covered is Bataan
	No. of map atlas produced	-	0	1	-	1	-	-	-	1	1		Enhanced Soil Series map
	No. of technical inception briefing conducted	1	0	-	-	1	1	-	-	-	1		
	No. of participants attended	25	0	-	-	25	21	-	-	-	21	-4	
	No. of capacity building conducted	-	0	1	-	1	1	-	-	-	1		
	No. of participants trained	-	0	25	-	25	-	-	21	-	21	-4	
	No. of technical report prepared	-	0	-	1	1	-	-	-	1	1		
	Learning and Development	-	0	1	-	1	-	-	-	1	1		
	No. of Participants Trained	-	0	20	-	20	-	-	-	30	30	10	
	No. of Scientific Organization Participated	-	1	1	-	2	7	4	3	6	20	18	Various training invitations from different offices were offered and attended by SSD staff that are essential to meet their technical competencies
	No. of Personnel Provided	-	5	5	-	10	18	13	5	19	55	45	Initially only technical staff of the division whose license were about to expire were given priority to attend the PSSST; however, due to minimal training fee and the opportunity or enhance their competencies, other technical staff also attended and participated the said conference online.
	General Administration, Planning and Monitoring	-	0	1	1	2	-	-	-	1	1	-1	
	No. of Reports Prepared	-	1	1	2	4	1	-	1	2	4		
	No. of divisional Meetings conducted	3	3	3	3	12	3	1	2	3	9	-3	Conflict of schedule of participants.
Composting Production Implementation Team (CPIT)													
FIELD PROGRAM MONITORING ACTIVITIES- OAP													
OAP	Validation of target beneficiaries/ field Visits conducted for CFBW under OAP	243	46	-	-	289	0	0	0	209	209	-80	198 SSCF units + 91 CFBW units; Ongoing site validation of CFBW beneficiaries; Ongoing procurement process of CFBW (Lot 2)
	performance Assessment Review Conducted	-	1	-	1	2	0	0	0	1	1	-1	FY 2023 Year-end Assessment of CPIT was conducted onsite and online on December 2023 to evaluate the accomplishments and identify learnings during the implementation of the project.
FIELD PROGRAM MONITORING ACTIVITIES- HVCDP													
OAP	Programs and projects evaluated and Monitored	40	30	-	-	70	0	0	0	16	16	-54	Due to the increase in the volume of FY 2023 allocation, it was divided into four (4) lots according to geographical proximity. The delivery for Lots 1, 3 and 4 commenced last November 2023, while the Lot 2 has been scheduled for re-bid. Ongoing validation; Ongoing delivery Ongoing procurement process of CFBW (Lot 2)
Technical Support Service Program													
R&D Subprogram													
Other Research and Development Activities													
SWRRD-Other RD	New policy-related R&D activities conducted	1	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Operationalization of Philippine Soil Partnership (PSP)
HIGHPEZ-Other RD	New policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Assessment of Diff Fertilization Strategy on Vegetable Production and Soil Physico-chemical Properties in the Highlands of Bukidnon
HIGHPEZ-Other RD	New policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Soil and Water Conservation Technologies in the Highlands of Bukidnon: Determining Socio-Economic Factors Affecting Its Adoption
SWRRD-Other RD	Continuing policy-related R&D activities conducted	1	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Evaluation of Organic Plant Supplements and its Influence to Soil Biological Properties and Crop Yield
SCMD- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Manila Bay Clean-up, Rehabilitation and Restoration
LUPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Growth and Yield Performance of Eggplant (Solanum melogena L.) Applied with Different Organic Plant Supplement

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

Department : Department of Agriculture (DA)
Entity Name : N/A
Operating Unit : BUREAU OF SOILS AND WATER MANAGEMENT
Organization Code (UACS) : 050010000000

<input checked="" type="checkbox"/>	Current Year Appropriations
<input type="checkbox"/>	Supplemental Appropriations
<input type="checkbox"/>	Continuing Appropriations
<input type="checkbox"/>	Off-Budget Account

DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
LUPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Long Term Assessment of Adaptive Balanced Fertilization Strategy on Rice Production
LUPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Effect of Vermitea from different source of compost materials as Nutrient Solution on Growth and Yield of Various Crops under Recirculating Hydroponics
LUPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Long Term Reserch on the influence of organic vermicompost on soil properties, growth, and crop yield on selected vegetables under lowland-upland condition
HILLPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Effect of Nitrogen Fertilizer Sources on the Growth and Yield of Pineapple (Ananas comosus L. Merr.) in Hillyland Acid Soils of Tanay, Rizal.
HILLPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Effect of Calcium Nitrate on Nutrient Uptake, Yield and Quality of Cucumber and Soil Chemical Properties in the Hillyland Acid Soil Condition
HILLPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Improving Soil Productivity of Marginal Hillyland through the Development of Philippine Hillyland Database and Promotion of Sustainable Land Management
HILLPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Long Term Reserch on the influence of organic vermicompost on soil properties, growth, and crop yield on selected vegetables under hillyland condition
HIGHPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Mitigation and Restoration of Degraded Agricultural Agricultural Highlands in Selected Areas of Mindanao
HIGHPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Growth and Yield Response of Strawberry to Different Kinds of Organic Fertilizers and Its Adoption to the Acidic Highland of Bukidnon
HIGHPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Quality Monitoring of Vermicast on the Physico-Chemical Characteristics as Affected by Period of Storage
HIGHPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Potential of Tithonia diversifolia (Wild Sunflower)-based Vermicompost on Growth and Yield of Carrots
HIGHPEZ- Other RD	Continuing policy-related R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Long Term Reserch on the influence of organic vermicompost on soil properties, growth, and crop yield on selected vegetables under highland condition
National Soil and Water Resources Research Development Center for Lowland/ Upland Peco-Ecological Zone (NSWRRDC-LUPEZ)													
LUPEZ-REGULAR	Property, Plant and Equipment Maintained	(5)	(10)	(5)	(10)	10	(5)	(10)	9	10	19	9	5 - Grasscutter 2 - Hand tractor 2 - Tractor 1 - Power tiller
	Staff Undertaken L&D Interventions	2	3	4	4	13	7	3	4	2	16	3	
	Capacity Building/ Enhancement Activities Conducted (for customers)	1	0	1	-	2	-	0	1	3	4	2	Change in training design from Mushroom Production Training to Training on Hydroponics System. Endorsement of new Training design to DO upon the approval of the center Chief.
	Participants Trained	25	0	25	-	50	-	0	23	205	228	178	
	Information Education Communication (IEC) materials disseminated	80	150	150	120	500	110	156	148	205	619	119	
	Technology Validation/ Demonstration												
	Soil & Water Techno-demonstration maintained/ or management technologies / interventions established	(1)	(3)	(2)	(2)	(3)	(3)	(3)	3	3	3		Technology Demonstration on Organic-Based Corn Production lasted until April 2023; Technology Demonstration on Organic Vegetable Production was established April 2023; and, Technology Demonstration on BFS Rice established May 2023. Hence, the discrepancy on the targeted and actual accomplishments.

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

Department : Department of Agriculture (DA)
Entity Name : N/A
Operating Unit : BUREAU OF SOILS AND WATER MANAGEMENT
Organization Code (UACS) : 050010000000

X	Current Year Appropriations
	Supplemental Appropriations
	Continuing Appropriations
	Off-Budget Account

DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
	Soil & Water Techno-demonstration maintained/ or management technologies / interventions maintained	(1)	(1)	-	-	(1)	(1)	(1)	(1)	(1)	1		Technology Demonstration of National Soil Sampling and Testing Fertilizer Recommendation for Rice
LUPEZ-R&D	Plans/Programs/Proposals Submitted to the Research and Development Studies (RDS) Committee	1	0	1	-	2	0	0	0	1	1	-1	RDS review for new proposals was re-scheduled. Awaiting for the new schedule of RDS Review. Proposals were already presentationn-ready.
	Number of R&D Studies Conducted (On-going)	(2)	2	2	2	2	(4)	(4)	(4)	(4)	4	2	1. Growth and Yield Performance of Eggplant (solanum melogena L.) Applied with Different Organic Plant Supplement 2. Long-Term Assessment of Adaptive Balance Fertilization Strategy on Rice Production 3. Effect of vermitea with Balance Fertilization Strategy (BFS) as nutrient solution on growth and yield of various crops under re-circulating hydroponic 4. Long-Term Research on the influence of vermicompost application on soil properties, growth and yield of selected vegetables in Lowland-Upland Pedo-Ecological Zone
	Soil and Water Research Facilities Maintained/Upgraded	(5)	(5)	(5)	(5)	5	5	0	0	0	5		1. Soil Tank 2. Lysimeter 3. Greenhouse 4. AWS 5. Laboratory
LUPEZ-LTR	Long-term Research Study on the Influence of Vermicompost Application on Growth, Yield, and Quality of Selected Vegetable Crops												
	No. of Croppings conducted	1	1	1	1	4	1	1	1	1	4		
	No. of soil samples analyzed	-	18	18	36	72	-	18	18	36	72		
	No. of Data Statistical Analyzed	-	75	75	150	300	-	75	75	150	300		
	No. of Reports submitted/presented to funding agency	1	1	1	1	4	1	1	1	1	4		
	No. of Liter Vermitea Produced	150	150	150	150	600	165	195	90	150	600		
	No. of Kilos Vermicast Produced	2,000	(2,000)	(2,000)	(2,000)	2,000	600	440	281	560	1881	119	The failure to meet the target was caused by a lack of rice straw supply. BFS was implemented primarily using rice straw produced in the center.
LUPEZ- HYDROPHONICS	National Organic Agriculture Program: Effect of Vewrmitea from Different source of compost materials as Nutrient Solution on Grwoth and Yiled of Various Crops under Re-Circulating Hydroponics Condition												
	No. of Cropping conducted	3	3	3	3	12	2	3	3	3	11	-1	
	No. of Water Samples Analysed	90	90	90	90	360	128	192	177	180	677	317	
	No. of Plant tissue Samples Analysed	45	45	45	45	180	30	45	45	45	165	-15	
	No. of Liter Vermitea Produced	3600	3600	3600	3600	14,400	2,880	4,320	4,320	4125	15,645	1,245	
	No. of Kilos Vermicast Produced	450	450	450	450	1,800	405	420	288	687	1800		
	No. of Reports submitted/presented to funding agency	1	1	1	1	4	1	1	1	1	4		
National Soil and Water Resources Research Development Center for Hilly Land Pedo-Ecological Zone (NSWRRDC-HILLPEZ)													
HILLPEZ-OTHER RD ACTIVITIES - REGULAR	Number of R&D studies conducted/implemented (Continuing)	2	(2)	(2)	(2)	2	2	(2)	(2)	(2)	2		1. Effect of Nitrogen Fertilizer Sources on the Growth and Yield of Pineapple (Ananas comosus L. Merr) in Hillyland Acid Soils of Tanay, Rizal 2. Effect of Calcium Nitrate on Nutrient Uptake, Yield and Quality of Cucumber (Cucumis sativus L.) and Soil Chemical Properties in the Hillyland Acid Soil Condition
	No. of Soil, Water Management Technology-Demonstration established	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Vegetable Technology Demonstration Corn, Tomato, Pechay, Ampalaya, Musk Melon, Red Chili, Pole Sitao, Mustard
	No. of Soil, Water Management Technology-Demonstration maintained	(2)	(2)	(2)	(2)	2	2	(2)	(2)	(2)	2		1. Organic Perennial Technology Demonstration 2. Non-Organic Perennial Technology Demonstration 3. Technology Demonstration on Inorganic Perennials
	No. of staff with Learning and Development Activites attended (staff capacity building)	-	7	2	1	10	-	7	2	1	10		NSWRRDC HILLPEZ Staff capacity building
	No. of trainings conducted (client capacity building)	-	1	1	1	3	3	0	2	0	5	2	
	No. of participants attended (client capacity building)	-	20	20	20	60	30	0	38	0	68	8	
	No. of IEC materials disseminated (client capacity building)	-	250	250	250	750	156	136	664	420	1376	626	
	No. of IEC materials conceptualized	-	1	-	1	2	5	1	5	1	12	10	

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

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Operating Unit : BUREAU OF SOILS AND WATER MANAGEMENT
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DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
HILLPEZ- OTHER RD-LTR	No. of R&D studies conducted/implemented (continuing)	1	0	-	-	1	1	(1)	(1)	(1)	1		Long Term Research on Influence of Vermicompost Application on Soil Properties, Growth and Yield of Selected Vegetables On-going preparation of terminal report
	Amount of Vermicast produced (tons)	1	2	2	1	6	0.6	2	0.7	3.3	6.6	0.6	
	Amount of mokusaku produced (liters)	50	50	50	50	200	41	83	49	98	271	71	
	Amount of vermitea produced (liters)	100	150	150	100	500	60	120	90	270	540	40	
	Amount of Biopesticides produced (seedlings)	50	200	150	100	500	105	154	160	0	419	-81	
HILLPEZ- OTHER RD-IMH	No. of Maps prepared/derived	5	5	5	-	15	5	5	5	1	16	1	CAR, Region 1, 2, 3, 4A Component 1: FY 2023-15 regional / provincial hillyland pedo-ecological zone maps. Five (5) maps prepared.
	Number of Soil, Land and Water Management Techno-Demonstrations Maintained/Rehabilitated/Monitored	4	4	4	-	12	3	4	4	1	12		
	Number of R&D studies conducted /implemented (continuing)	1	0	-	-	1	2	(2)	(2)	(2)	2	1	1) Soil Organic Carbon Dynamics in Different Land Uses and Slope Position in the Hillyland of Rizal, Philippines 2) Biocharcoal Efficacy on Germination and Growth of Selected Vegetables in Hillyland Acid Soil
National Soil and Water Resources Research Development Center - Highland Pedo Ecological Zone (NSWRDC-HIGHPEZ)													
HIGHPEZ-LTR	Target Staff provided with L&D Intervention	-	4	6	1	11	11	0	0	0	11		3 Staff to attend PSSST, 1 staff for PSAE, 6 staff for PAA, 1 for PIEP.
	Capacity Building/Enhancement Activities Conducted	-	2	-	1	3	3	2	1	0	6	3	Capacity Enhancement on Soil and Water Conservation Technologies in the Highlands.
	Target participants	-	55	-	35	90	90	0	0	0	90		
	Information Education Communication (IEC) Materials	120	120	120	120	480	363	462	200	120	1145	665	IEC materials on soil and water conservation technologies and others relating/promoting to BSWM
HIGHPEZ-LTR	Soil, land, water management techno-demonstrations maintained	(7)	(7)	(7)	(7)	7	7	(7)	(7)	(7)	7		1. Technology Demonstration on Mokusaku (Wood Vinegar) Production 2. Technology Demonstration on Vermicomposting Production 3. Technology Demonstration on Agroforestry (For Rehabilitation) 4. Technology Demonstration on Balanced Fertilization Strategy on Various Crops Planted under Highland Condition (Coffee, Dragon Fruit, Guyabano, Mangosteen intercropped with Coconut, Pomelo) 5. Technology Demonstration on Balanced Fertilization Strategy on Various Vegetables Planted under Green House Condition 6. Technology Demonstration on Small Water Impounding System and Small Farm Reservoir (SWIS & SFR) 7. Technology demonstration on Three-Sisters Cropping System
	Soil, land, water management techno-demonstrations established	1	1	1	0	3	2	0	0	0	2	-1	
	Amount of vermicast produces (tons) Vermicast	1	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		
	Amount of wood vinegar produced (liters) Wood Vinegar	30	30	30	30	120	34	30	30	30	124	4	
	Amount of vermitea produced (liters) Vermitea	125	125	125	125	500	100	150	150	100	500		
	Amount of biopesticides produced (liters) Concoctions (FFJ, FPJ, etc.)	0	6	0	6	12	0	6	0	6	12		
	Research and Development Sub-Program												
	Plans/ programs/ proposals submitted to the Research and Development Studies (RDS) Review Committee	-	0	2	-	2	0	0	0	2	2		
	Soil and Water R&D studies and activities conducted (Regular Fund)-conducted												
	1. Potential of Tithonia diversifolia (Wild Sunflower)-based Vermicompost on Growth and Yield of Carrots (2019-2022)	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		
	2. Mitigation and Restoration of Degraded Agricultural Agricultural Highlands in Selected Areas of Mindanao (2020-2025)	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		
	3. Growth and Yield Response of Strawberry to Different Kinds of Organic Fertilizers and Its Adoption to the Acidic Highland of Bukidnon (2021-2026)	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		
	4. Soil and Water Conservation Practices in the Highlands of Bukidnon: Determining Socio-Economic Factors Affecting Its Adoption (2022-)	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		
	5. Quality Monitoring of Vermicast on the Physico-Chemical Characteristics as Affected by Period of Storage (2022-)	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		
	6. Assessment on Different Fertilization Strategy on Vegetable Production and Soil Physico-Chemical Properties under Highland Condition.	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		New
	Soil and Water Research Facilities Maintained/Upgraded (Regular Fund)-continuing	-6	-6	-6	-6	6	6	(6)	(6)	(6)	6		1. Greenhouse 2. AGROMET/AWS 3. Mokusaku 4. Farm machineries/equipment 5. Laboratory Equipment 6. Vermicomposting facility

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

Department : Department of Agriculture (DA)Entity Name : N/AOperating Unit : BUREAU OF SOILS AND WATER MANAGEMENTOrganization Code (UACS) : 050010000000

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Organization Code (OACS) : 050010000000													Off-Budget Account	
DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks	
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total			
National Soil and Water Resources Research and Development Center for Upland Pedo-Ecological Zone (NSWRRDC-UpPEZ)														
	Output 6A: Target Staff provided with L & D Intervention	0	0	1	0	1	0	0	1	0	1		1 Agriculturist I (COS)	
	Output 14A. Capacity Building/Enhancement Activities Conducted	1	0	1	0	2	1	1	0	0	2		Capacity Enhancement on Soil and Water Conservation Technologies in the Uplands Capacity building will be moved to June 2023	
	Target participants	20	0	20	0	40	0	30	13	0	43	3	IEC materials on soil and water conservation technologies and others relating/promoting to BSWM	
	Output 15C: Information Education Communication (IEC) Materials	50	50	50	50	200	0	162	58	0	220	20		
	Output 16B. Soil, land, water management techno-demonstrations Established	3	(3)	(3)	(3)	3	3	(3)	(3)	1	4	1	1. Technology Demonstration on Agroforestry 2. Technology Demonstration on Multi-storey Farming 3. Technology Demonstration on Contour	
	Output 24A. plans/ programs/ proposals submitted to the Research and Development Studies (RDS) Review Committee	1	0	0	0	1	1	0	0	0	1		1 Research proposal for related to soil conservation for the uplands Presentation of new proposals was	
	Output 24B: Soil and Water R&D studies and activities conducted (Regular Fund)-conducted	(1)	(1)	(1)	(1)	1	1	1	(1)	(1)	2	1		
	Land Resources Evaluation, Characterization and Classification of Soil for the proposed Upland Demonstration Center in Marilog District, Davao City	(1)	(1)	(1)	-1	1	1	1	0	0	2	1		
III. Operations														
R&D Subprogram														
Soil and Water Resources Research Division (SWRRD)														
SWRRD-Evaluation of Organic Plant Supplements and its Influence to Soil Biological Properties and Crop Yield	No. of Study/Site	1	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Nueva Ecija; One set-up at SWRRD - Soil Biology Laboratory ; San Ildefonso Bulacan.	
SWRRD - REGULAR Soil Carbon Sequestration and Crop Productivity from Application of Compost and Biochar Using Different Farm Wastes	No. of Study/Site	1	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Reg IV-A - Batangas Location NSWRRDC-LUPEZ	
	No. of Project Meetings/Activities Conducted	1	1	1	1	1	1	1	1	1	1			
SWRRD - Assessment of Expanded Modified Rapid Composting (EMRC) Project	No. of Study/Site	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Nueva Ecija	
	No. of Project Meetings/Activities Conducted	1	1	1	1	4	0	0	3	1	4		2 -Project Meetings 3 - Conduct of FGDS 1 - Coordination Meeting with the OPA/OMA	
Updating of NSWRRD/E Agenda 2023-2028	No. of activities/meetings/ consultation workshops conducted	3	1		1	5	3	1	0	1	5		Consultation Workshops & National Assembly.	
	No. of Pax	180	150	0	0	330	329	177	0	0	506	176		
SWRRD- Implementation of ISO 17025:2017 for Research Laboratories	No. of standard implemented	1	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		ISO 17025:2017 for the Operation of Chemical Laboratory	
	No. of research laboratories maintained	3	(3)	(3)	(3)	3	3	(3)	(3)	(3)	3		Soil and Water Quality Improvement Research Laboratory Soil Physics & Mineralogical Research Laboratory Soil & Biological Research Laboratory	
	No. of quality meetings conducted	1	3	3	3	10	1	3	1	0	5	-5		
	No. of audit activities (internal/external)	1	0	-	1	2	1	0	(1)	(1)	1	-1	PAB External Review; Granted ISO/IEC 17025:2017 certification/ accreditation	
	No. of management review/ proficiency testing	0	1	-	1	2	1	0	0	1	2		1 - Management Review 1 - Proficiency Testing	
(Sub-study) for National Corn Program -Sustainable Land Resources Management Approach in Developing Agro-environmental Potential of Sloping Lands (SLRMA)														
Evaluation of Soil Biological Activity in Selected Sloping Crop Production Areas in the Philippines	No. of sites	3	(3)	(3)	(3)	3	3	(3)	(3)	(3)	3		In collaboration with Soil Conservation Management Division	
	No. of Project meeting/consultation	1	1	1	1	4	1	1	1	1	4			
IRRIGATION NETWORK SERVICES (INS)														
Other Water Resources Projects														
WRMD- Other WRP	continuing Irrigation - related RD	0	0	0	1	1	1	(1)	(1)	(1)	1		Modeling Groundwater Utilization for Sustainable Agriculture in the Rainfed Areas of Brgy. Ligaya, Sablayan, Occidental Mindoro, Philippines Assessment of Groundwater Availability for Agricultural Production through Georesistivity Survey in Brgy. Ligaya, Sabalayan, Occidental Mindoro.	
WRMD- Other WRP	Agromet Stations monitored (monthly)	16	(16)	(16)	(16)	16	16	(16)	(16)	(16)	16			
WRMD- Other WRP	Development of location specific cropping pattern and calendar	0	3	0	0	3	0	60	0	0	60	57	To be conducted by last week of June.	
WRMD- Other WRP	Small Water Impounding System (SWIS) Operations and Maintenance Trainings	2	8	6	4	20	2	6	8	4	20		Two Training to be conducted by last week of April. Two Trainings were rescheduled on August 2023 due to conflict of	
	No. of participants trained	50	200	150	100	500	56	178	218	110	562	62	Increase in interested farmers to attend training	
	IEC materials disseminated	150	600	450	300	1500	168	374	674	470	1686	186		
WRMD- Other WRP	Location specific on-farm water utilization technology established	0	0	0	6	6	0	0	0	6	6			
WRMD- Other WRP	L&D activities conducted	1	0	0	0	1	0	1	0	0	1		L&D activities conducted- rescheduled due to availability of WRMD resource speakers	
WRMD- Other WRP	Geo-resistivity Survey conducted	8	12	12	8	40	11	11	13	5	40		More requests for georesistivity were received.	

QUARTERLY PHYSICAL REPORT OF OPERATION
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WRMD- Other WRP	Drilling of production wells for mall Scale Irrigation Projects (SSIP) conducted	1	4	3	4	12	2	2	0	0	4	-8	The operation was delayed by several factors: a.) Weather: The rainy season was too early resulting to inaccessible project site. b.) Clogging of drill bits. (due to sticky clay). c.) Rapid collapsing of the borehole. d.) Emergency unexpected situations during operation.
WRMD- Other WRP	Feasibility study of SSIPs prepared	1	4	4	3	12	1	3	3	6	13	1	Ongoing preparation of write-up.
WRMD- Other WRP	Detailed Engineering Design (DED) and Program of Works (POW) of SSIPs prepared	2	5	5	4	16	0	11	1	12	24	8	Ongoing preparation of plan and design. Increase in number of request for assistance.
WRMD- Other WRP	Monitoring of operational status of SSIP/ inventory and parcellary mapping of service area	30	45	40	45	160	45	28	37	56	166	6	Field activities were rescheduled due to weather condition onsite (typhoon/ heavy rainfall).
WRMD- Other WRP	Performance Review / Consultation Workshops/ Capacity Building conducted	0	0	1	2	3	0	1	1	3	5	2	
WRMD- Other WRP	DED/POW of SSIPs of RFOs/ LGUs for proposal/ implementation reviewed* (depends on the submission of RFOs/LGUs)					0	385	0	0	0	385	385	
NATIONAL RICE PROGRAM													
EXTENSION SUPPORT, EDUCATION AND TRAINING SERVICES (ESETS)													
ESETS on the National Rice Program													
	Small Water Irrigator's System Association (SWISA) organized / reorganized	6	17	17	10	50	6	16	16	12	50		
	participants trained/beneficiaries	150	425	425	250	1250	169	440	463	355	1427	177	Increase in number of interested farmers to attend training
	Training on Soil Health Restoration/ Balanced Fertilization	4	11	9	6	30	3	12	9	6	30		One training was rescheduled on April . For catchup plan; with approved request for rescheduling
	participants trained/beneficiaries	100	275	225	150	750	110	282	275	171	838	88	To be conducted by last week of June 2023.
	IEC Materials Disseminated	500	500	500	500	2000	252	756	725	532	2265	265	
	Agro-enterprise Training on CFBW	16	15	0	16	47	0	0	0	13	13	-34	The Agrobased Enterprise Training was initially scheduled and conducted per Region. However, due to the availability of the Resource Speaker and the participants, adjustments were made to the training schedules. The remaining training sessions were consolidated and rescheduled on December 12 and 13, 2023.
	participants trained/beneficiaries	526	1474	0	0	2000	-	0	0	196	196	-1,804	
AGRICULTURAL MACHINERY, EQUIPMENT, FACILITIES AND INFRASTRUCTURES PROGRAM													
Provision of Agricultural Equipment and Facilities (PAEF) on the National Rice Program													
	Establishment of Composting Facilities for Biodegradable Wastes (CFBW)	0	0	0	1280	1,230	0	0	0	239	239	-991	Due to the increase in the volume of FY 2023 allocation, it was divided into four (4) lots according to geographical proximity. The delivery for Lots 1, 3 and 4 commenced last November 2023, while the Lot 2 has been scheduled for re-bid. Ongoing validation; Ongoing delivery
Research and Development for Rice Program													
	R&D activities conducted	(1)	(1)	(1)	(1)	1	1	(1)	(1)	(1)	1		Nitrogen Use Efficiency to Increase Grain Yield and Minimize Pollution Loading in Irrigated Rice Areas
	No. of sites	2	(2)	(2)	(2)	2	2	(2)	(2)	(2)	2		Sta. Barbara, Pangasinan
	No. of project meetings/consultation	1	1	1	1	4	1	1	0	0	2	-2	Talavera, Nueva Ecija
NATIONAL CORN PROGRAM													
EXTENSION SUPPORT, EDUCATION AND TRAINING SERVICES (ESETS)													
	Training-related activities for DA National Corn Program	0	1	0	1	2	1	0	0	1	2		
R&D on the National Corn Program - Sustainable Land Resources Management Approach in Developing Agro-environmental Potential of Sloping Lands (SLRMA)													
	Research activities conducted	0	0	0	1	1	0	0	0	1	1		
	Expansion area covered	80	40	0	0	120	80	40	0	120	240	120	
	Specialized farmers training	0	6	0	0	6	0	5	0	1	6		
	Provide technical assistance in the establishment of expansion areas and maintenance of pilot area	0	4	2	0	6	0	4	2	0	6		
	Impact evaluation (regular monitoring, gathering of data and other related information)	0	0	(6)	(6)	6	6	(6)	0	(6)	6		
	4.1 Soil physical, chemical and biological changes assessment	0	3	3	3	3	3	(3)	(3)	(3)	3		
	4.2 Socio-economic evaluation	0	6	0	0	6	1	4	1	(6)	6		
	4.3 Measurement of sediment transport (soil loss)	0	6	0	0	6	2	4	0	0	6		
	Farmers field day	0	0	0	6	6	0	0	0	6	6		
	Mid-year and Year-end Review	0	1	0	1	2	1	0	0	1	2		
	Report writing	0	0	(1)	(1)	1	0	0	0	1	1		

QUARTERLY PHYSICAL REPORT OF OPERATION
As of 4th Quarter 2023

Department : Department of Agriculture (DA)
Entity Name : N/A
Operating Unit : BUREAU OF SOILS AND WATER MANAGEMENT
Organization Code (UACS) : 050010000000

X	Current Year Appropriations
	Supplemental Appropriations
	Continuing Appropriations
	Off-Budget Account

Organization Code (OACS) : 050010000000													On-Budget Account	
DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks	
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total			
Provision of Agricultural Equipment and Facilities (PAEF) on the National Corn Program														
	Establishment of Composting Facilities for Biodegradable Wastes (CFBW)	0	0	0	-	51	0	0	0	3	3	-48	Due to the increase in the volume of FY 2023 allocation, it was divided into four (4) lots according to geographical proximity. The delivery for Lots 1, 3 and 4 commenced last November 2023, while the Lot 2 has been scheduled for re-bid.	
Ongoing validation: Ongoing delivery														
Provision of Agricultural Equipment and Facilities (PAEF) on the National High Value Crops Development														
	Establishment of Composting Facilities for Biodegradable Wastes (CFBW)	0	24	46	0	70	0	0	0	16	16	-54	Due to the increase in the volume of FY 2023 allocation, it was divided into four (4) lots according to geographical proximity. The delivery for Lots 1, 3 and 4 commenced last November 2023, while the Lot 2 has been scheduled for re-bid.	
NATIONAL ORGANIC AGRICULTURE PROGRAM (NOAP)														
Extension Support, Education and Training Services (ESETS) on the Promotion and Development of Organic Agriculture Program														
	Capacity Enhancement on the Operation of CFBW	0	0	0	16	60	0	0	0	0	0	-60	Ongoing validation; Ongoing delivery;	
	participants trained/beneficiaries		0			182	0	0	0	0	0	-182	Capacity enhancement shall commence within 2 mos after the inspection of the delivered units.	
	Capacity Enhancement on the Operation of SSCF	0	0	7	8	15	0	0	0	15	15		Beneficiaries were capacitated on the Operation and Maintenance of SSCF to properly equip them and the operators on how to efficiently operate and maintain the facility.	
	participants trained/beneficiaries	0	0	0	-	396	0	0	0	348	348	-48		
R&D on the Promotion and Development of Organic Agriculture Program														
	Research activities conducted	(2)	(2)	(2)	(2)	2	2	(2)	(2)	(2)	2		1. Assessment of Biochar Derived from Different Agricultural Residue on Physical Properties and CEC of Angeles Series; Location: Zambales 2. Enhancing Soil Ecosystem Services through the Use of Cover Crops and Green Manures in Organic Production Systems. -Locations: NSWRRDCs (LUPEZ, HILLPEZ, HIGHPEZ)	
Provision of Agricultural Equipment and Facilities (PAEF) on the Promotion and Development of Organic Agriculture Program of Organic Agriculture Program														
	Establishment of Composting Facilities for Biodegradable Wastes (CFBW)	0	0	0	37	91	0	0	0	11	11	-80	Due to the increase in the volume of FY 2023 allocation, it was divided into four (4) lots according to geographical proximity. The delivery for Lots 1, 3 and 4 commenced last November 2023, while the Lot 2 has been scheduled for re-bid.	
Ongoing validation: Ongoing delivery														
	Establishment of Small Scale Composting Facilities (SSCF)	0	0	198	-	198	0	0	0	198	198			
LOCALLY-FUNDED PROGRAM														
National Soil Health Program (NSHP)														
Nationwide Technology Demonstration for the Balanced Fertilization Strategy														
Nationwide Technology Demonstration for the Balanced Fertilization Strategy	Regions covered	0	14	0	0	14	0	14	0	14	28	14		
	Area covered (100/Regions)		1400			1400	0	1400	0	0	1400			
	Capacity building conducted (agricultural extension workers, farmers and other partners)	2	18	8	0	28	0	28	2	2	32	4		
	Field day activities conducted	0	0	14	0	14	0	0	0	14	14			
	Mobile Laboratory established	0	0	0	1	1	0	0	0	0	0	-1	Failed Bid on the procurement of Mobile Soil Laboratory, for re-procurement on 2024	
	BSWM Laboratory modernized	0	0	1	0	1	0	0	1	0	1			
Establishment of Municipal Soil and Water Soil Health Center (SHC) in partnership with LGUs, DA-RFOs, ATI, Local Institutions														
	Soil Test Kit (STK) provided, 1000 kits per region	0	3000	6000	5000	14000	0	0	0	713	713	-13,287	the delivery of suppliers and chemicals to the DA-RFO Regional Soil Laboratories will be completed on January 2024. Production will start o February to March and distribution from 2nd quarter and onwards	
	Thematic Maps updated (Soil Reference Sites and Soil Monitoring Sites)	0	0	0	2	2	0	0	0	10	10	8	Thematic Maps on SRS and SMS for 81 provinces is already done however version 2.0 for the targeted 10 provinces will be done on 1st quarter of 2024	
	Laboratory Information Management System (LIMS) established [for Network of all soil laboratory and soil data banking]	0	1	0	0	1	0	0	1	(1)	1		ongoing	
	Repair of BSWM Laboratory and Calibration Laboratory establishment [for calibration services]	0	0	1	0	1	0	0	0	(1)	1		on-going repair of laboratory facilities and will be done of March 2024	

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DIVISION	Particulars	Physical Targets					Physical Accomplishments					Variance as of 4th Quarter 2023	Remarks
		1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Total		
FOREIGN-ASSISTED PROJECTS													
Asian Food and Agriculture Cooperation Initiative (AFACI)													
Development of the Soil Atlas of Asia and National Soil Information System" AFACI-SOILS Projects"													
GSITD	Build-up of Philippine National Soil Profile Database Development of a prototype Philippine National Soil Information System based on the specifications of Global Soil Information System (GLOSIS) Deployment of Philippine National Soil Information System to GLOSIS	1	(1)	(1)	(1)	1	0	0	0	1	1		The National Soil Profile Database and National Soil Information System Prototype were developed and deployed.
Global Environment Facility 6 (GEF 6)													
SCMD	Conduct orientation and consultation for the exemplar site validation with participation of men and women before the end of Quarter 1	2	0	0	0	2	0	2	0	0	2		
SCMD	Field validation for the exemplar with participation of men and women belonging in the area who are willing to practice SLM approaches and technologies before the end of Quarter 2	0	30	0	0	30	0	0	47	0	47	17	30 Sites (18 in MBC and 12 in EMBC)
SCMD	Conduct capacity building with participation of men and women farmers, representatives from the LGUS who have been consulted on the type of crops and development on the exemplar sites before the end of Quarter 3	0	0	12	0	12	0	0	7	6	13	1	
SCMD	Conduct workshop to finalize the maps and the recommended SLM technologies for the exemplar sites before the end of Quarter 4	0	0	0	1	1	0	0	0	1	1	0	
SCMD	Conduct Consultation workshops to present the development plans for the exemplar sites to obtain funding from concerned LGUs and NGAs	0	0	0	3	3	0	0	0	0	0	-3	
SCMD	Document SLM best practices in MBC and EMC in exemplar site using the WOCAT questionnaire on gender responsive SLM technologies and Approaches	0	0	2	0	2	0	0	0	1	1	-1	

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Budget Officer

Date: JAN 31 2024

GINA P. NILO, Ph. D.
Director

Date: JAN 31 2024